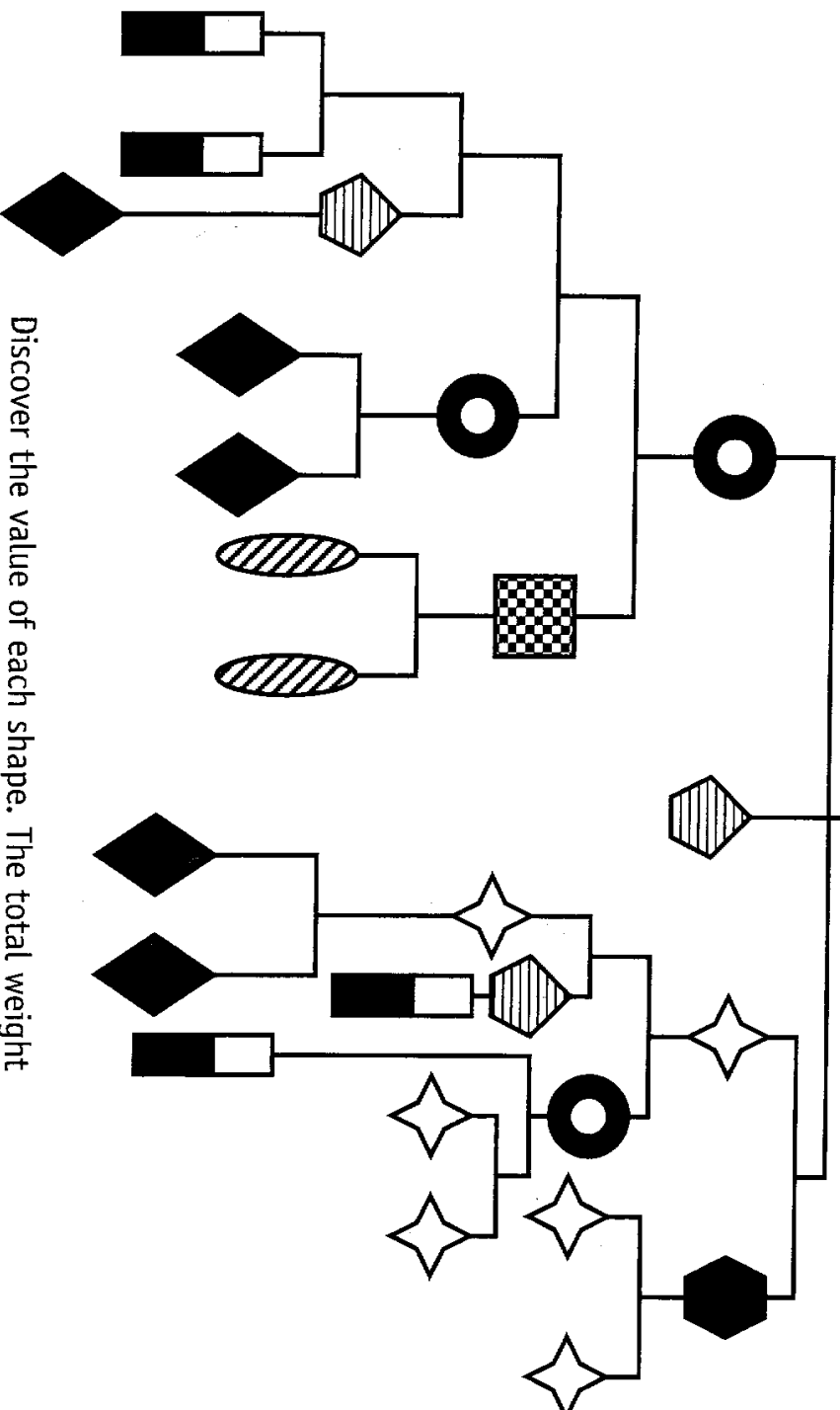




Name \_\_\_\_\_

## PUZZLE 22



Discover the value of each shape. The total weight is 227. Additional clues:

 is a factor of 105.    
  is a multiple of 7.    
  $2(\text{house} - \text{diamond}) = \text{oval}$

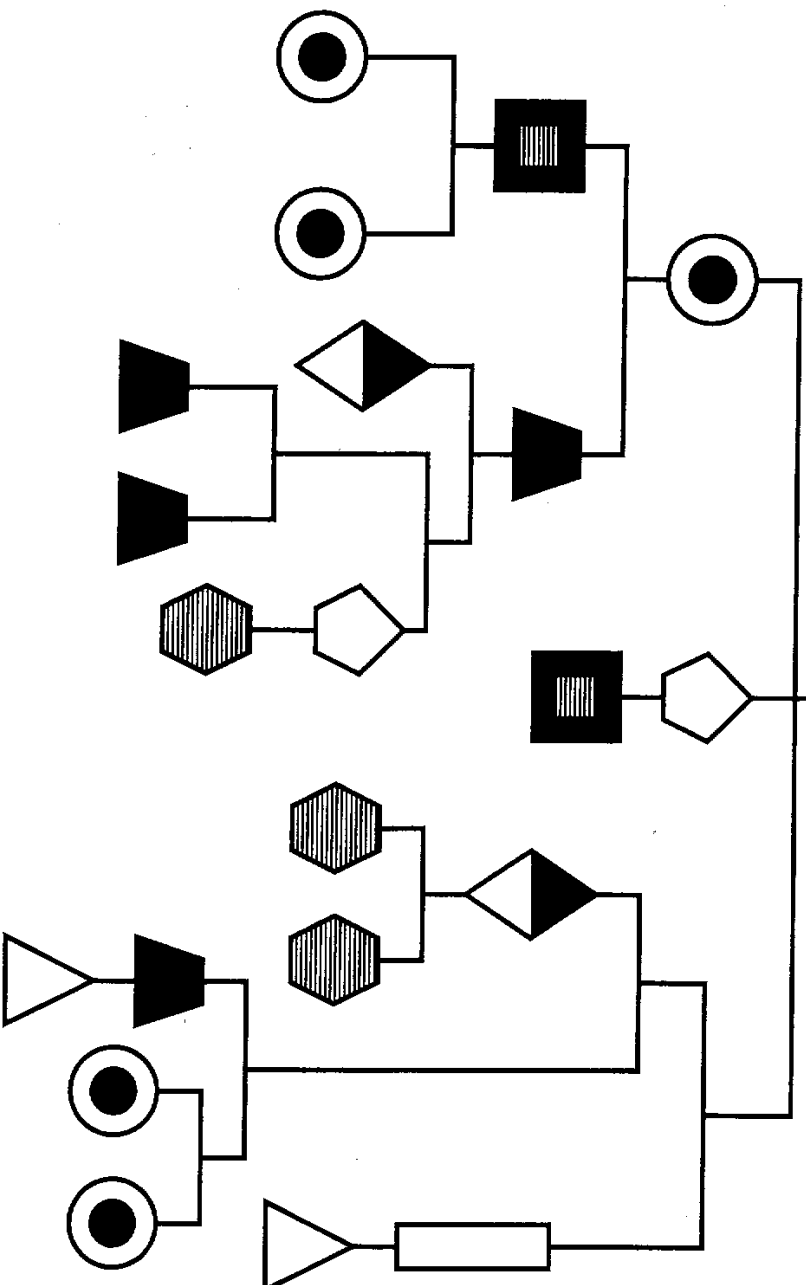
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**IN THE BALANCE** Grades 7-9

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# PUZZLE 23



Discover the value of each shape. The total weight is 233. Clue:

$$(\text{Square with stripes} + \text{Circle with dot}) - 7 = \text{Triangle with dot}$$